

What is claimed is:

1. A method comprising:
 - detecting a hidden node in a wireless communication system by analyzing a nodes report received from a subset of nodes.
2. The method of claim 1 comprising:
 - sending a request to generate the nodes report.
3. The method of claim 1, wherein analyzing comprises:
 - detecting an unreported node; and
 - activating a hidden node protection on a reporting node.
4. The method of claim 1, wherein analyzing comprises:
 - detecting a signal strength below or equal to a threshold; and
 - activating a hidden node protection mechanism on a reporting node.
5. The method of claim 3, wherein activating a hidden node protection mechanism comprises:
 - enabling a request-to-send\clear-to-send (RTS\CTS) control mechanism.
6. The method of claim 3, wherein activating a hidden node protection mechanism comprises:
 - sending a subset of power adjustment commands to a subset of nodes based on the nodes report.
7. The method of claim 4, wherein activating a hidden node protection mechanism comprises:
 - enabling a request-to-send\clear-to-send (RTS\CTS) control mechanism.

8. The method of claim 4, wherein activating a hidden node protection mechanism comprises:
 - sending a subset of power adjustment commands to a subset of nodes based on the nodes report.
9. The method of claim 1, further comprising:
 - generating a hidden nodes list based on reports received from the subset of nodes.
10. The method of claim 9, comprising:
 - marking a node on the hidden nodes list as a hidden node; and
 - activating a hidden node protection mechanism on the marked nodes.

11. A method comprising:
 - activating a hidden node protection mechanism based on a received nodes report.
12. The method of claim 11, comprising:
 - receiving a request to generate a nodes report.
13. The method of claim 12, wherein generating the nodes report comprises:
 - generating a table of nodes that includes a received signal strength indicator for subset of node .
14. The method of claim 11, wherein activating a hidden node protection mechanism comprises:
 - enabling a request-to-send\clear-to-send (RTS\CTS) control mechanism.
15. The method of claim 11, wherein activating a hidden node protection mechanism comprises:
 - adjusting a transmitted power level.

16. An apparatus comprising:

a hidden node detector to detect a hidden node in a wireless communication system based on a nodes report generated from a received nodes report received from a subset of nodes.

17. The apparatus of claim 16, comprising:

a transmitter to send a request to generate the received nodes report.

18. The apparatus of claim 16, comprising:

a controller to activate a hidden node protection mechanism.

19. The apparatus of claim 16, wherein the hidden node detector is able to detect a hidden node by analyzing a reported signal strength indicator of a node at the nodes report.

20. The apparatus of claim 16, wherein the hidden node detector is able to detect a hidden node by detection of an unreported node at the nodes report.

21. The apparatus of claim 20, wherein the hidden node protection mechanism comprises a request-to-send\clear-to-send (RTS\CTS) control mechanism.

22. The apparatus of claim 20, wherein the hidden node protection mechanism comprises a transmitted power control mechanism that includes a subset of desired transmitted power levels related to the subset of nodes.

23. An apparatus comprising:
 - a controller to activate a hidden node protection mechanism based on nodes report.
24. The apparatus of claim 23, comprising:
 - a nodes report generator to generate the nodes report.
25. The apparatus of claim 24, wherein nodes report generator is able to generate the node report that comprises a table that includes at least a received signal strength indicator for subset of node.
26. The apparatus of claim 23, wherein the hidden node protection mechanism comprises a request to send\clear to send (RTS\CTS) control mechanism.
27. The apparatus of claim 23, wherein a hidden node protection mechanism comprises a power controller to adjust a power level of a transmitter according to a received power level.

28. A wireless communication system comprising:
- a station to generate a nodes report of nodes of the wireless communication system; and
 - an access point to detect a hidden node by analyzing properties of the nodes report .
29. The wireless communication system of claim 28, wherein the access point is able to activate a hidden node protection mechanism to protect the station from transmissions of the hidden node.
30. The wireless communication system of claim 28, wherein the access point is able to detect a hidden node by analyzing a reported signal strength indicator of a node at the nodes report.
31. The wireless communication system of claim 28, wherein the access point is able is able to detect a hidden node by detection of an unreported node at the nodes report.
32. The wireless communication system of claim 29, wherein the hidden node protection mechanism comprises a request-to-send\clear-to-send (RTS\CTS) control mechanism.
33. The wireless communication system of claim 28, wherein the hidden node protection mechanism comprises a transmitted power control mechanism that includes a subset of desired transmitted power levels related to the subset of nodes.

34. An apparatus comprising:
 - a dipole antenna to receive a hidden node protection command; and
 - a controller to activate a hidden node protection mechanism based on the hidden node protection command.
35. The apparatus of claim 34, comprising:
 - a nodes report generator to generate a nodes report.
36. The apparatus of claim 35, wherein nodes report generator is able to generate the node report that comprises a table that includes at least a received signal strength indicator for subset of node.
37. The apparatus of claim 34, wherein the hidden node protection mechanism comprises a request to send\clear to send (RTS\CTS) control mechanism.
38. The apparatus of claim 34, wherein a hidden node protection mechanism comprises a power controller to adjust a power level of a transmitter according to a received power level.

39. An article comprising:

a storage medium, having stored thereon instructions, that when executed, result in:

detecting a hidden node at a wireless communication system by analyzing a nodes report received from a subset of nodes.

40. The article of claim 39 wherein the instructions when executed, result in:

sending a request to generate the nodes report.

41. The article of claim 39 wherein the instructions when executed, result in:

detecting an unreported node; and

activating a hidden node protection on a reporting node.

42. The article of claim 39 wherein the instructions when executed, result in:

detecting a signal strength below or equal to a threshold; and

activating a hidden node protection mechanism on a reporting node.